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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/760,247	01/21/2004	Kia Silverbrook	RRA09US	1573

24011 7590 06/07/2006

SILVERBROOK RESEARCH PTY LTD  
393 DARLING STREET  
BALMAIN, NSW 2041  
AUSTRALIA

EXAMINER
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GARCIA JR, RENE

ART UNIT	PAPER NUMBER
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2853

DATE MAILED: 06/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/760,247

Applicant(s)

SILVERBROOK, KIA

Examiner

Rene Garcia, Jr.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 July 2005 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 08 November 2004.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## **DETAILED ACTION**

### ***Drawings***

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the “blotter” (rotary element/60/ has been shown but blotter has not been pointed out in drawings to distinguish from three faces of rotary element/60/ as disclosed on page 8 first paragraph) must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

2. The drawings are objected to under 37 CFR 1.83(a) because they fail to show “blotter” as described in the specification. Any structural detail that is essential for a proper understanding of

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the disclosed invention should be shown in the drawing. MPEP § 608.02(d). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

3. The drawings are objected to because base molding/20/ should be referenced in figure 7 to make identity clearer. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of

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the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Specification***

4. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Silverbrook (US 6,318,920).

**Silverbrook discloses the following claimed limitations:**

\*regarding claim 1, printer cartridge (fig. 3 – made up of chasis/10/ and printhead assembly/11/; col. 4, lines 35-42)

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\*printing fluid storage/**ink ducts, 40/** (fig. 6, 11; col. 5, lines 24-40 – ink is in ink ducts/40/ [storage] when going between nozzles/30/ and ink cassette/93/; ink is in conduits between printing operations thus stored for an unspecified time)

\*printhead/**print chip, 27/** in fluid communication with the printing fluid storage/**ink ducts, 40/** (fig. 6-11; col. 5, lines 24-39; see also col. 5, line 63 – col. 6, line 61)

\*printing fluid blotter/**blotting portion, 81/** (fig. 23 & 24; col. 8, lines 2-27) arranged to blot the printhead (col. 8, lines 34 – 43)

\*regarding claim 2, printing fluid storage/40/ and the printhead/27/ are fast with a body/10/ of the printer cartridge (fig. 3, 6-8; col. 4, lines 53-65)

\*printing fluid blotter/81/ is coupled to the body/10/ (fig. 3, 20-25; col. 8, line 44- col. 9, line 17; blotter/81/ is part of platen member/14/)

\*regarding claim 3, printing fluid blotter/81/ includes engagement assembly to engage an assembly for selectively bringing the printing fluid blotter/81/ into cooperation with the printhead/27 (fig. 23 & 24; col. 8, lines 55-67)

\*regarding claim 4, printing fluid blotter/81/ includes an absorptive material/82/ (col. 8, lines 40-43) arranged to absorb printing fluid ejected from the printhead/27/ while not printing to a print medium (col. 8, lines 34-39)

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\*regarding claim 5, printing fluid blotter/81/ is rotationally (col. 8, lines 63-67; lines 12-18) coupled to the body

\*regarding claim 6, printing fluid blotter/81/ is also slidingly coupled to the body

\*regarding claim 7, printhead/27/ comprises a pagewidth printhead (col. 1, lines 35; there are a plurality of print chip/27/ that make up printhead; col. 4, lines 64-66)

\* blotter/81/ extends along the pagewidth printhead/27/ (col. 8, lines 19-21; blotter is part of platen/14/)

\*regarding claim 8, printer cartridge for an inkjet printer including:

\*body containing at least one printing fluid storage reservoir /ink ducts, 40/ (fig. 6, 11; col. 5, lines 24-40 – ink is in ink ducts/40/ [storage; has six ducts] when going between nozzles/30/ and ink cassette/93/; ink is in conduits between printing operations thus stored for an unspecified time)

\*printhead attached to the body and in fluid communication with the at least one printing fluid reservoir (fig. 3, 6-8; col. 4, lines 53-65; in fluid communication with 6 ink ducts)

\* printing fluid blotter/81/ rotatably coupled to the body/10/ (fig. 3, 20-25; col. 8, lines 63-67; lines 12-18; blotter/81/ is part of platen member/14/)

\*engagement assembly (col. 8, lines 13-17; lines 34-42) located on the printing fluid blotter/81/ to engage an assembly for selectively causing cooperation of the printing fluid blotter/81/ with the printhead

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\*regarding claim 9, printhead/27/ comprises a pagewidth printhead (col. 1, lines 35; there are a plurality of print chip/27/ that make up printhead; col. 4, lines 64-66)

\* blotter/81/ extends along the pagewidth printhead/27/ (col. 8, lines 19-21; blotter is part of platen/14/)

### *Conclusion*

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Silverbrook (US 2002/0191060) includes ink cartridge, blotter, printhead within a printer system, however does not include a pagewidth printhead system. Barinaga (US 6,695,429) includes a blotter, printhead, fluid storage for an inkjet system, since claim one can be interpreted broad because claimed limitations do not specify arrangement of blotter to be positioned within printer cartridge or positioned on printer cartridge, therefore is sufficient to reject claim 1.



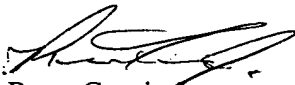
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***Communications with the USPTO***

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rene Garcia, Jr. whose telephone number is (571) 272-5980. The examiner can normally be reached on M-F 8:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen D. Meier can be reached on (571) 272-2149. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Rene Garcia Jr  
06/06



**STEPHEN MEIER**  
**SUPERVISORY PATENT EXAMINER**